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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applicant:	§	
	§	
Menachem Nathan	§	
	§	
Serial No.: 10/572,555	§	
	§	
Filed: 17 March 2006	§	Group Art Unit:
	§	
For: Integrated Microlens Reflector And Light Coupler	§	Attorney Docket No.: 27/277
	§	
	§	

Examiner:

Commissioner of Patents and Trademarks
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is PTO Form 1449 which lists citations which may be material to the patentability of the above-identified application.

These are being submitted in compliance with the duty of disclosure defined in 37 C.F.R. 1.56. The Examiner is requested to make these citations of official record in this application.

This Information Disclosure Statement Under 37 C.F.R. 1.56 is not to be construed as a representation that a search has been made, that additional matter which is material to the examination of this application does not exist, or that any one or more of these citations constitutes prior art.

Respectfully submitted,

Mark M. Friedman
Attorney for Applicant
Registration No. 33,883

Date: July 27, 2006

Form PTO-1449 (Modified)	Atty. Docket No. 27/277	Application No. 10/572,555
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (USE SEVERAL SHEETS IF NECESSARY)	Applicant: Menachem Nathan	
	Filing Date: March 17, 2007	Group Art Unit:

U.S. PATENT DOCUMENTS

	EX. INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AA							
AB							
AC							
AD							
AE							
AF							
AG							
AH							
AI							

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
							YES	NO
AJ								
AK								
AL								

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AM		Monolithic Coupling of a SU8 Waveguide to A Silicon Photodiode by M. Nathan et al Journal Of Applied Physics, Vol. 94 pp. 7932-7934, 2003
AN		Chapter 2 of thesis: Fabrication and Characterization of a Monolithic Integration Between Planar Waveguide and Photodiode by Oren Levy, TA University June 2003
AO		M.H. Wu and G.M. Whitesides, J. Micromech, Microeng. 12 (2002), pp. 747-758 Fabrication of two-dimensional arrays of Microlenses and their applications in Photolithography

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformation and not considered. Include copy of this form with next communication to applicant.

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BA							
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BD							
BE							
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BG							
BH							
BII							

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							YES	NO
BJ								
BK								
BL								

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

BM		S. Chen et al. Infrared Physics & Technol. - Monolithic Integration Technique for Microlens Arrays with Infrared Focal Plane Arrays Vol 43, pp. 109-112, (2002)
BN		M.V. Kunnavakkam et al, Applied Physics Letters- "Low Cost, Low-loss mircolens arrays fabricated by soft-lithography replication process, Vol. 82 pp. No. 8, 1152-1154, (2003)
BO		N.P. Eisenberg et al.; Materials Science in Semiconductor Processing , Vol 3, pp. 443-448, 2000 ; "New Types of Microlens Arrays for the IR Based on Inorganic Chalcogenide Photoresists

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CA							
CB							
CC							
CD							
CE							
CF							
CG							
CH							

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							YES	NO
CI								
CJ								
CK								
CL								

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CM		Journal of Optoelectronics and Adv. Materials Vol 2, No. 2, 2000, pp. 147-152, 2000 "Infrared Microlems Arrays Based on Chalcogenide Photoresist, Fabricated By Thermal Reflow Porcess"
CN		Journal of Optoelectronics and Adv. Materials Vol 4, Nr.2 (June 2002)- pp. 405-407, "As2S3 Based Arrays of Large-Size IR Microlenses"
CO		M. He et al., Applied Optics, Vol. 42, No. 36 pp.7174-7178, (2003) "Reflow Technique for the Fabrication of An Elliptical Mircolens Array in Sol-Gel Material"
CP		M. Nathan, Journal of Applied Physics; Vol. 94, No. 12 , pp. 7932-7934 (Dec. 15, 2003) "Monolithic Coupling of a SU8 Waveguide to a Silicon Photodiode.

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DI							

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							YES	NO
DJ								
DK								
DL								

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

DM		M. Nathan; Applied Physics Letters Vol 85, No. 14; (Oct 2004) pp. 2688-2690 " Microlens Reflector For Out-of Plane Optical Coupling of A Waveguide to A Buried Silicon Photodiode"
DN		Y. Ohmori et al., Thin Solid Films 393 (2001) 267-272, "Organic Electroluminescent Diodes As a Light Source for polymeric waveguides- toward organic integrated optical devices
DO		

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